Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004 590645 CLAIMS AS FILED - PART I **SMALL ENTITY** OTHER THAN TYPE OR SMALL ENTITY (Column 1) (Column 2) U.S. NATIONAL STAGE FEES RATE FEE RATE FEE BASIC FEE **SMALL ENT. = \$ 150 LARGE ENT. = \$ 300** BASIC FEE OR BASIC FEE SOU Satisfies PCT Article 33(1) All other situations = EXAMINATION FEE EXAM. FEE (4) = \$50/\$100\$ 100 / \$ 200 EXAM. FEE 200 U.S. is ISA = \$50 / \$ 100 All other situations = SEARCH FEE ALL other countries = SEARCH FEE \$ 250 / \$ 500 SEARCH FEE 400 \$ 200 / \$ 400 FEE FOR EXTRA SPEC. PGS. minus 100 = / 50 ± X \$ 125 =X \$ 250 = TOTAL CHARGEABLE CLAIMS minus 20 = 10 X \$ 25 =OR X \$ 50 =INDEPENDENT CLAIMS minus 3 =X \$ 100 =OR X \$ 200 =MULTIPLE DEPENDENT CLAIM PRESENT + \$ 180 = OR + \$ 360 = If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN (Column 1) **SMALL ENTITY** OR SMALL ENTITY (Column 2) (Column 3) **CLAIMS** ADDI-REMAINING ADDI-NUMBER PRESENT RATE TIONAL RATE K. **AFTER** PREVIOUSLY TIONAL **EXTRA** AMENDMENT PAID FOR FEE AMENDMENT FEE Total Minus X \$ 25 = OR X \$ 50 =Independent Minus X \$ 100 =OR X \$ 200 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 = OR + \$ 360 = TOTAL ADDIT TOTAL ADDIT OR FEE FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT RATE TIONAL RATE **AFTER** PREVIOUSLY TIONAL **EXTRA** FEE AMENDMENT AMENDMENT PAID FOR FEE Total Minus X \$ 25 =OR X \$ 50 =Independent Minus X \$ 100 =OR X \$ 200 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 =OR + \$ 360 = OTAL ADDIT OTAL ADDIT OR FEE FFF If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.